

U.S. DEPARTMENT OF LABOR WORKPLACE STANDARDS ADMINISTRATION BUREAU OF LABOR STANDARDS

FORM	NO OSH	A-20 (MODIFIE	ED)
	MAY	1971	

MDC CONTROL N	0
---------------	---

BUREAU OF LABOR STANDARDS

MATERIAL SAFETY DATA SHEET

SECTION SECTION	N I: MAT	ERIAL AND MA	NUFACTURER IDENTIFICATION		
MANUFACTURER'S NAME Lefkoweld Corporation 213 - 532-12				E NO. 54	
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP	CODE)				-
		eles, CA	90061		
CHEMICAL NAME AND SYNONYMS			TRADE NAME AND SYNONYMS		
			#109 - DPM FORMULA N/A (A)	6047	
CHEMICAL FAMILY			FORMULA	11 - 1 / -	
Reactive epoxy resin	.,		N/A (HC	HESIVE	
	SECT		DOUS INGREDIENTS*		
PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATING	s %	ŢĻV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		 , , , , , , , , , , , , ,
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS M	IXTURES	OF OTHER L	IQUIDS, SOLIDS, OR GASES*	%	TLV (UNITS)
•					
	S	ECTION III: PI	HYSICAL DATA		
BOILING POINT (⁰ F)		NA	SPECIFIC GRAVITY (H ₂ 0 = 1)		1.22
VAPOR PRESSURE (mm Hg.)		NA	PERCENT VOLATILE BY VOLUME (%)		
VAPOR DENSITY (AIR = 1)		NA	EVAPORATION RATE (= 1) Non-volatile		
SOLUBILITY IN WATER	Insc	luble			
APPEARANCE AND ODOR Thixotropic	past	e, gra	y color		
	TION IV	: FIRE AND EX	(PLOSION HAZARD DATA		
	eland	open c	ap) FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Water or carl	oon d	ioxide			
SPECIAL FIRE FIGHTING PROCEDURES		.a			
Not red	lutre	<u>u</u>			
UNUSUAL FIRE AND EXPLOSION HAZARDS None	9				

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES. USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

		SE	ECTION V: HEALTH HAZARD DATA
THRESHOLD LIMIT VALUE	Involves		cific hazards
EFFECTS OF OVEREXPOSU		no spec	THE Mazarus

EMERGENCY AND FIRST AID	PROCEDURES		
In case of s	kin contac	ct, wash	n well with soap and water. Do not use organic
solvent on t	he skin.		
		-	
		9	SECTION VI: REACTIVITY DATA
	UNSTABLE		OTTIONS TO AVOID
STABILITY STABILITY	DISTABLE	pro	olonged storage storage at temperatures higher
long term	STABLE	xx tha	an 80 F
INCOMPATIBILITY (MATERIA	ALS TO AVOID)		
HAZARDOUS DECOMPOSITIO	N PRODUCTS	Amines	
HAZARDOUS	MAY OC	CUR	CONDITIONS TO AVOID
POLYMERIZATION	WILL NO	T OCCUP	Polymerization with strong exotherm (but no
	WILL NO	T OCCUR	decomposition or explosive hazard) may occur
			with many amines
***************************************			ON VII: SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CAS			spilled ved with a trowel, spatula or similar utensil.
Spilled make	riar may	be remov	ved with a trower, spatura or similar utensir.
Affected are	ea may be o	cleaned	with organic solvent (ketone, chlorinated hydroca
WASTE DISPOSAL METHOD		· · · · · · · · · · · · · · · · · · ·	
Convebt	ional was	te dispo	osal methods are adequate
RESPIRATORY PROTECTION	(SPECIFY TYPE)	2ECTION V	/III: SPECIAL PROTECTION INFORMATION
		ed in en	nclosed areas with poor ventilation.
	CAL EXHAUST		SPECIAL
VENTILATION Use with add	CHANICAL (CENE	RAL)ation	OTHER
PROTECTIVE GLOVES		———	
recommended	in all ope	erations	EYE PROTECTION recommended at all times
OTHER PROTECTIVE EQUIPM			
······································		SEC.	CTION IX: SPECIAL PRECAUTIONS
PRECAUTIONS TO BE TAKEN	IN HANDLING AN		TION IX. SPECIAL PRECAUTIONS
avoid prolon	ged or re	peated s	skin exposure as sensitive individuals may
develope ski	n dermati	tis	
OTHER PRECAUTIONS			
		• • • • • • • • • • • • • • • • • • • •	
PREPARED BY		•	DATE

CORPORATION

JUN 3 0 1982

U.S. DEPARTMENT OF LABOR

WORKPLACE STANDARDS ADMINISTRATION BUREAU OF LABOR STANDARDS

MATERIAL SAFETY DATA SHEET

FORM NO OSHA-20 (MODIFIED) MAY 1971

MDC CONTROL NO ..

SECTIO	NI I. SAATI	COLAL AND M	ANULE A OTUBER DENTISION TO			
MANUFACTURER'S NAME	N I: MAIL	ERIAL AND M	ANUFACTURER IDENTIFICATION	EMERGENCY TELE	DHON	E NO
<pre>Lefkoweld Corporation</pre>			3 42	LINE KGENOT TEEL	,r non	L NO.
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP 215 W. 131st Street Los	CODE) Ange	les, CA	90061			
CHEMICAL NAME AND SYNONYMS			TRADE NAME AND SYNO	NYMS		
CHEMICAL FAMILY			LM 52	-DPM 6	05	¥7
polyamide hardener			FORMULA NA	-DPM 6 (ACTIVA	TDE	<i>a</i>)
	SECTI	ON II: HAZAF	RDOUS INGREDIENTS*	0.0071777	107	
PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC	COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL			(=,
CATALYST		" 	ALLOYS			
VEHICLE			METALLIC COATINGS			
SOLVENTS		· · · · · · · · · · · · · · · · · · ·	FILLER METAL PLUS COATING OR CORE FLUX			
ADDITIVES			OTHERS			
OTHERS		· ·				
HAZARDOUS N	IIXTURES	OF OTHER L	IQUIDS, SOLIDS, OR GASES*		%	TLV (UNITS)
						(3.11.15)
						·
•						
	9	FCTION III: P	HYSICAL DATA			
BOILING POINT (OF)	3,	LOTION III. F	SPECIFIC GRAVITY (H ₂ 0 = 1)			T
Boiling Folk (T)		NA				0.97
VAPOR PRESSURE (mm Hg.)		NA	PERCENT VOLATILE BY VOLUME (%)			
VAPOR DENSITY (AIR = 1)			EVAPORATION RATE			
VALUE DENSITY (AIR = 1)		NA	(=1) NON	VOLATILE		
SOLUBILITY IN WATER	In	soluble				
APPEARANCE AND ODOR						
SE(CTION IV:	FIRE AND E	XPLOSION HAZARD DATA			
FLASH POINT (METHOD USED) 510 F- Cleve	1and	open cu	FLAMMABLE LIMITS	Lel	+	Uel
EXTINGUISHING MEDIA Water or carb						
SPECIAL FIRE FIGHTING PROCEDURES Not re	**					
	<u>,</u>					
UNIVOLAT SIDS AND						
UNUSUAL FIRE AND EXPLOSION HAZARDS NO	ne			·		
INO	**					

THRESHOLD LIMIT VALUE		SECTION V: HEALTH HAZARD DATA
Involves no	specific ha	varde
EFFECTS OF OVEREXPOSURE	specific na	Zarus
EMERGENCY AND FIRST AID PI	ROCEDURES	
DIENGENOT AND FINST AID FI		skin contact, wash well with soap and water.
	III Cube of	BALLI COLLEGE, WASH WELL WITH SOUP and Water.
Dc	not use or	ganic solvents on the skin.
		OFOTION W. DEACTIVITY DATE.
		SECTION VI: REACTIVITY DATA CONDITIONS TO AVOID
Excellent	UNSTABLE	Prolonged storage at temperatures higher than 80 F
STABILITY	070.5	
long term	STABLE XX	
INCOMPATIBILITY (MATERIALS	TO AVOID)	7 minos
HAZARDOUS DECOMPOSITION F		Amines
HAZARDOUS DECOMPOSITION F	-KODOC12	
	T	CONDITIONS TO AVOID
HAZARDOUS	MAY OCCUR	Polymerization with strong exotherm (but no
POLYMERIZATION	WILL NOT OCC	decomosition or explosive hazard) may occur wi
		many reactive amines.
		SECTION VII: SPILL OR LEAK PROCEDURES
STEPS TO BE TAKEN IN CASE N		
Spilled materi	lar may be r	emoved with a rowel, spatula or similar utensil.
Affected area	may be clea	n with organic solvent (ketone, chlorinated - hydro-
carbon, etc)		
WASTE DISPOSAL METHOD	mrontion-1	smake diamonal matheda and adamata
CC	mventional	waste disposal methods are adequate
RESPIRATORY PROTECTION (SI		CTION VIII: SPECIAL PROTECTION INFORMATION
	· ·	n enclosed areas with poor ventilation
	L EXHAUST	SPECIAL SPECIAL
/ENTILATION	yes	
adequate venti	ANICAL (GENERAL)	OTHER
PROTECTIVE GLOVES		LEVE PROTECTION
recommended in	all operat	EYE PROTECTION recommended at all times
OTHER PROTECTIVE EQUIPMEN		Teconumentaed at all times
• • • • • • • • • • • • • • • • • • • •		
		SECTION IX: SPECIAL PRECAUTIONS
PRECAUTIONS TO BE TAKEN IN		
Avoid protonge	d of repeat	ed skin exposure as sensitive individuals may
develop skin d	lermatitis	
OTHER PRECAUTIONS		
PREPARED BY		DATE